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Installation and washing machine for the wet treatment of laundry

Patent Claims:

- 10 1. Installation for the washing and, if appropriate
spin-drying of laundry, with a plurality of washing
machines (10), **characterized** in that the washing
machines (10) are arranged next to one another.

15 2. Installation according to Claim 1, **characterized**
in that the washing machines (10) are arranged next to
one another in a row.

20 3. Installation according to Claim 1, **characterized** in
that the washing machines (10) are arranged directly next to
one another in a row such that side walls (11) of the
housings (12) of adjacent washing machines (10) lie directly
next to one another.

25 4. Installation according to Claim 3, **characterized** in
that the washing machines (10) are arranged in a row with
side walls (11) lying next to one another, the direction of
longitudinal extent of the row running perpendicularly
through the planes of the side walls (11).

5. Installation according to Claim 3, **characterized** in that the side walls (11) of the washing machines (10) are designed with an essentially plane surface.

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6. Installation according to Claim 1, **characterized** in that the interior of the washing machines (10) is accessible from front sides (19), rear sides (24) and/or top sides (21).

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7. Installation according to Claim 1, **characterized** in that the row of washing machines (10) is arranged in the region of a partition (17) between two rooms, the partition (17) running approximately perpendicularly to the side walls (11) of the washing machines (10).

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8. Installation according to Claim 1, **characterized** in that the washing machines (10) are arranged next to one another so as to be tiltable independently of one another about horizontal tilting axes (29, 30) running transversely to the side walls (11).

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9. Installation according to Claim 1, **characterized** in that each washing machine (10) can be tilted in opposite directions, preferably forwards and backwards.

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10. Installation according to Claim 1, **characterized** in that each washing machine (10) can be loaded from above in each case through its own loading device.

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11. Installation according to Claim 1, **characterized** in that a plurality of washing machines (10) can be supplied with liquid jointly out of at least one and the same tank.

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12. Installation according to Claim 11, **characterized** in that all the washing machines (10) can be supplied with liquid jointly out of at least one and the same tank.

13. Installation according to Claim 1, **characterized** in

that liquid from at least a plurality of washing machines (10) which occurs during spin-drying can be received by at least one common tank.

5 14. Installation according to Claim 1, **characterized** in that the washing machines (10) are assigned a common control.

10 15. Installation according to Claim 14, **characterized** in that the common control of the washing machines (10) is designed for the independent control of each individual washing machine (10).

15 16. Installation according to Claim 1, **characterized** in that each washing machine (10) has its own basic stand (14).

20 17. Installation according to Claim 16, **characterized** in that the washing machines (10) arranged next to one another are connected to one another at their basic stand (14).

25 18. Washing machine for the washing and, if appropriate, spin-drying of laundry, with a drum (39) driveable in rotation by means of a motor and intended for receiving the laundry, and with a basic stand (14), **characterized** in that the drum (39) is mounted at least partially on a drive shaft (43) of the motor.

30 19. Washing machine according to Claim 18, **characterized** in that the drum (39) is mounted on one side, in the region of one end face (42), on a shaft stub (48) of the drive shaft (43) of the motor.

35 20. Washing machine according to Claim 18, **characterized** in that the drum (39) is connected releasably to the shaft stub (48) of the drive shaft (43).

21. Washing machine according to Claim 20, **characterized** in that the releasable connection of the drum (39) to the shaft stub (48) of the drive shaft (43) takes place frictionally and/or non-positively.

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22. Washing machine according to Claim 20, **characterized** in that the releasable connection is designed for absorbing and transmitting torsional forces and bending moments.

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23. Washing machine according to Claim 20, **characterized** in that the releasable connection is formed as at least one tension-ring set which is arranged in a pot-like receptacle of part of the end face (42) of the drum (39).

24. Washing machine for the washing and, if appropriate, spin-drying of laundry, with a drum (39) driveable in rotation by means of a motor and intended for receiving the laundry, and with a basic stand (14), **characterized** in that the basic stand (14) has a tilting stand (26) which is designed for tilting that part of the washing machine which is arranged on it in opposite directions.

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25. Washing machine according to Claim 24, **characterized** in that the tilting stand (26) is connected to a plinth stand (25) of the basic stand (14) so as to be tilttable about a horizontal tilting axis (29), and the tilting stand (26) is formed from two tilting-stand parts (27, 28) which are connected to one another by means of an additional horizontal tilting axis (30).

35 26. Washing machine according to Claim 25, **characterized** in that the entire tilting stand (26) can be pivoted about the tilting axis (29) with respect to the plinth stand (25) by at least one actuating means, and an upper tilting-stand part (28) can be pivoted

about the second tilting axis (30) with respect to a lower tilting-stand part (27) by at least one further actuating means, the tilting axes (29, 30) running parallel to one another.